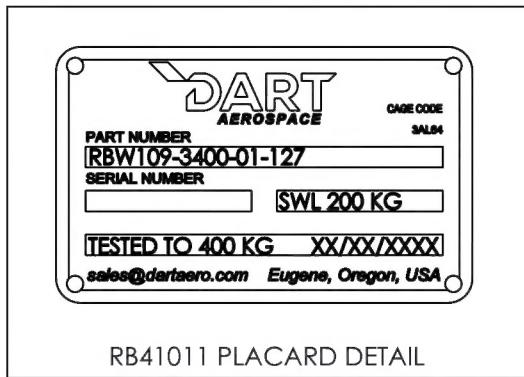


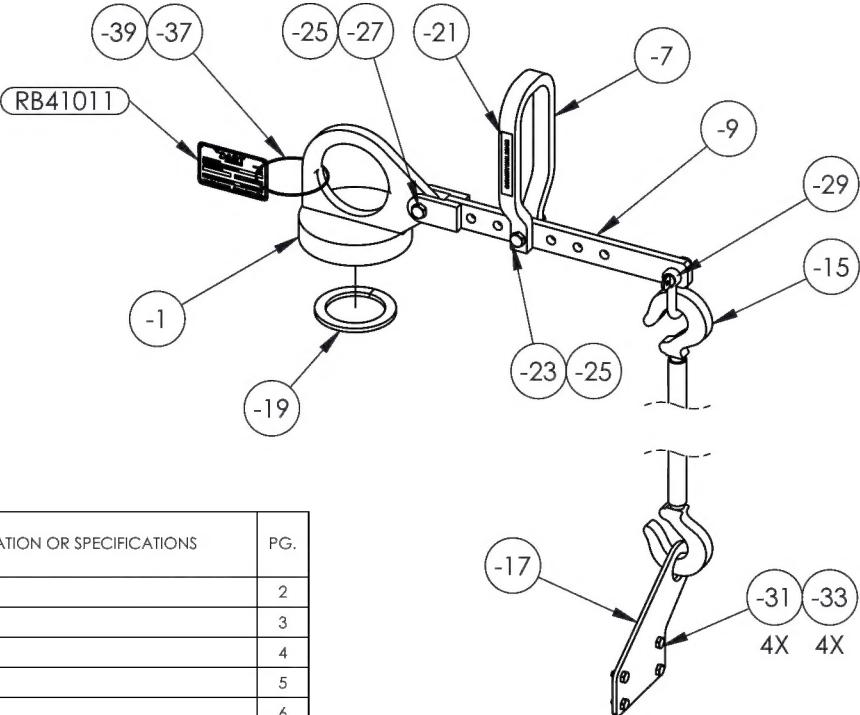
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	UPDATED TO NEW STANDARDS. CH'D USED ON MODEL WAS A109 IS A119. -1 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-3" IS INK STAMP P/N. -3 DELETED DIM .900. ADDED DIM 1.00. CH'D HEAT TREAT WAS RC 44 IS RC 42-46. -7 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-7" IS INK STAMP P/N. CH'D DIM WAS 4.77 IS 4.75. -9 DELETED FIXTURE NOTE. CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-123" IS INK STAMP P/N. -16 ADDED PART. -17 CH'D NOTE WAS ENGRAVE P/N "109-3400-01-129" IS INK STAMP P/N. CH'D DIM WAS 2.02 IS 2X 2.02. -21 ADDED WHITE BACKGROUND WITH BLACK LETTERS NOTE. -29 CH'D B/O REF WAS #35805T72 IS #3824T75. -41 ADDED PART.	2/4/2016	DPD	JAG



RB41011 PLACARD DETAIL

ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		X		-1	1	EYE WELDMENT			2
		1		-3	1	BASE	4140/4142		3
		1		-5	1	LIFT RING	1018/1020 CR		4
				-7	1	CLEVIS	1018/1020 CR		5
		X		-9	1	ROD WELDMENT			6
		1		-11	1	BAR	1018/1020 CR		7
		2		-13	1	TAB	1018/1020 CR		8
		X		-15	1	TIE ROD WELDMENT			9
		1		-16	1	TIE ROD TUBE	1018/1020 CR		10
				-17	1	PLATE, STRUCTUAL	1018/1020 CR		11
				-19	1	RING	NYLON		12
		B/O	-21	1	1	LABEL	VINYL	CUT VINYL (SIGNS NOW)	13
		B/O	-23	1	1	BOLT, MACHINE	STEEL	3/8-24 X 1.8 AN6-16A	1
		B/O	-25	2	1	NUT, SELF-LOCKING, HEXAGON	S.S.	3/8-24 MS21043-6	1
		B/O	-27	1	1	BOLT, MACHINE	STEEL	3/8-24 X 1.58 AN6-14A	1
		B/O	-29	1	1	FORK	S.S.	5/16 (MCMMASTER-CARR #3824T75)	1
		B/O	-31	4	1	BOLT, MACHINE	STEEL	1/4-28 X 1/2 AN4-5A	1
		B/O	-33	4	1	NUT, SELF-LOCKING, HEXAGON	S.S.	1/4-28 MS21043-4	1
		B/O	-37	1	1	LANYARD WIRE	STEEL	Ø1/16 X 3 (CARR LANE #CL2C)	1
		B/O	-39	1	1	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMMASTER-CARR #3896T31)	1
2		B/O	-41	1	1	SHANK HOOK WITH LATCH	STEEL	(MCMMASTER-CARR #3535T31 AND # 35315T41)	1
		B/O	-41	1	1	DART PLACARD	ALUMINUM	RB41011	1
ASSY -15	ASSY -9	ASSY -1							



NOTES:

1. TEST TO 400 KG USING RBW109-3400-01-127-F.
2. REF. AGUSTA T/N: 109-3400-01-127.

DART
AEROSPACE

TITLE MAIN TRANSMISSION LIFTING

DWG NO. RBW109-3400-01-127

REV 2

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
HEAT TREAT .XXX ± .005 FRACTIONS ± 1/8
FINISH .XX ± .01 ANGLES ± 5°
SPEC .X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES

.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY

AFTER PLATING

3. INTERPRET DIM AND TOL PER

ASME Y14.5M-2009

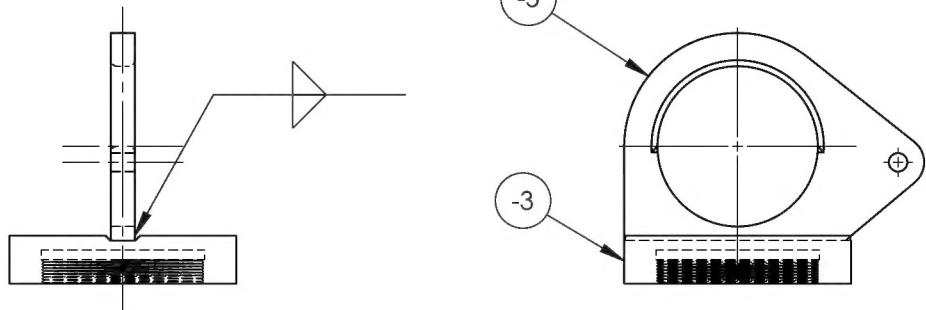
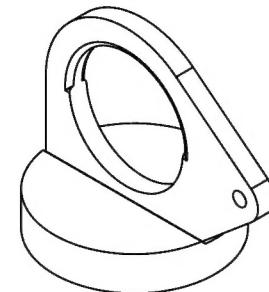
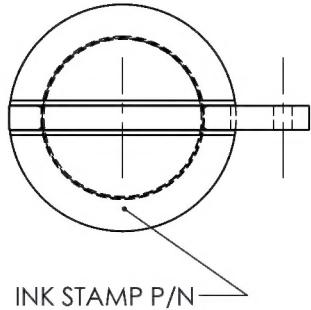
USED ON MODEL

A119

SCALE 1:8 DATE 3/30/2011 SHEET 1 OF 13

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REVIEWS			
REV	ECR	DESCRIPTION	DATE
2	16-0018	-1 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-3" IS INK STAMP P/N.	2/4/2016 DPD JAG



EYE WELDMENT

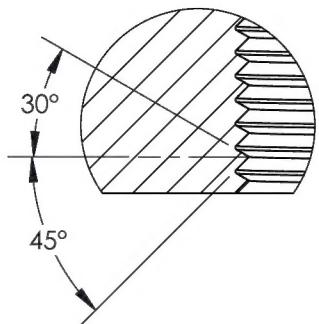
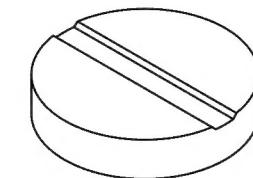
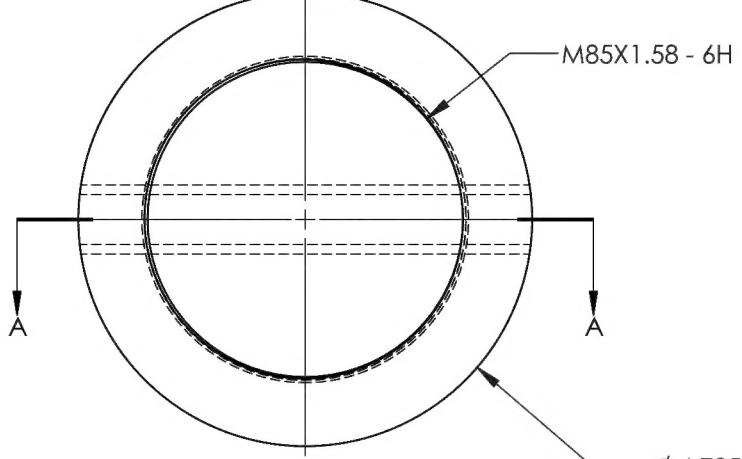
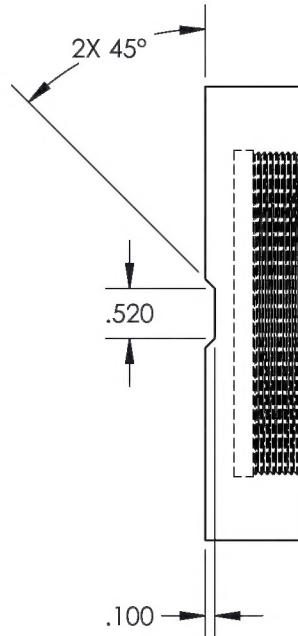
(-1)

DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-1	
REV 2	
MATERIAL	
HEAT TREAT	
FINISH POWDER COAT YELLOW	
SPEC FED #13538	
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL A119	
SCALE 1:4	DATE 3/30/2011
SHEET 2 OF 13	

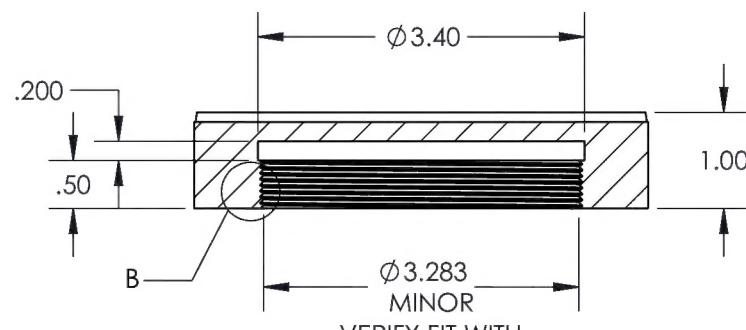
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
X ± .1 SURFACES = 125 ✓
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

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REV			ECR			DESCRIPTION			DATE			INITIAL		APPROVED	
2	16-0018		-3 DELETED DIM .900. ADDED DIM 1.00. CH'D HEAT TREAT WAS RC 44 IS RC 42-46.						2/4/2016			DPD		JAG	



DETAIL B
SCALE 2 : 1



SECTION A-A

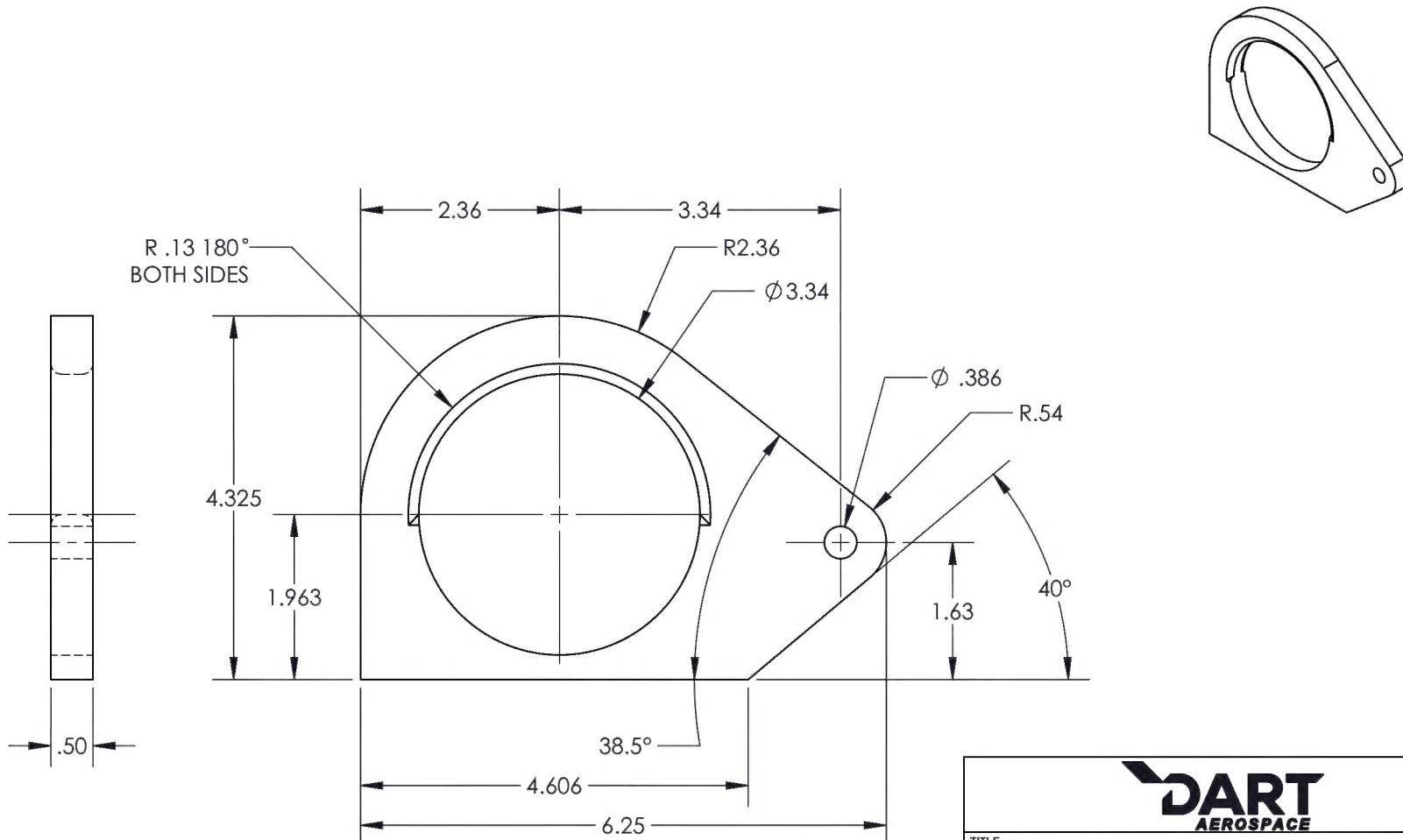
(3)

BASE

DART AEROSPACE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-3	
REV 2	
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 42-46	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -1	.XX ± .01 ANGLES ± 5°
SPEC	X ± .1 SURFACES = 125 ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	A119
SCALE 1:2	DATE 3/30/2011
	SHEET 3 OF 13

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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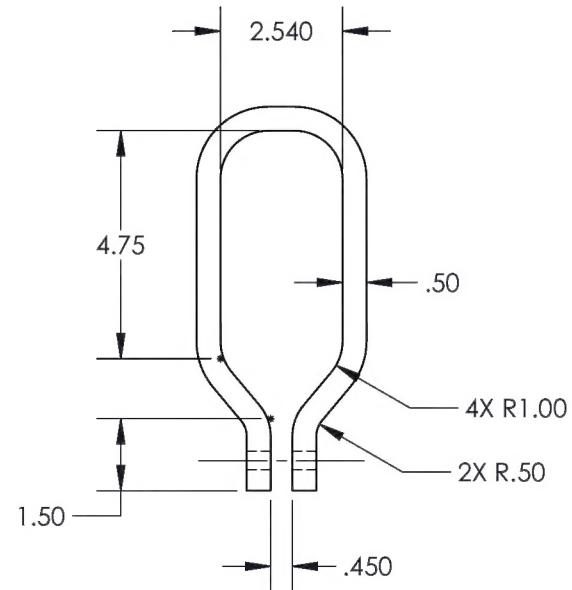
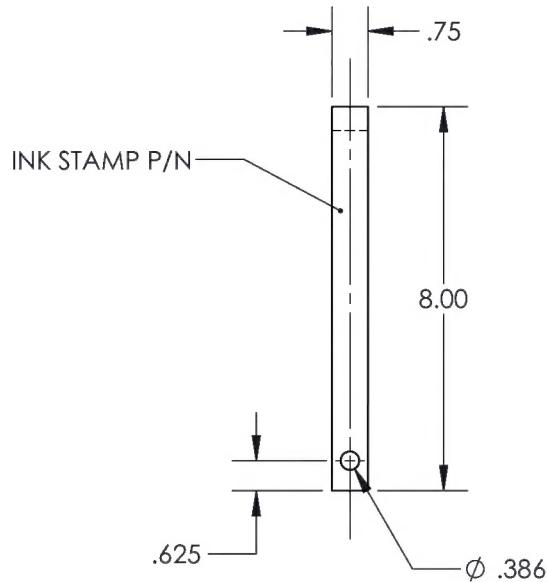
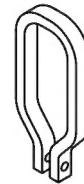
(5)

LIFT RING

TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-5	
REV 2	
MATERIAL 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT .XXX ± .005 FRACTIONS ± 1/8	
TREAT .XX ± .01 ANGLES ± 5°	
FINISH SEE -1 .X ± .1 SURFACES = 125 ✓	
SPEC	
DRAWN BY: GILBERT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT A119	
SCALE 1:2	DATE 3/30/2011
SHEET 4 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-7 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-7" IS INK STAMP P/N. CH'D DIM WAS 4.77 IS 4.75.	2/4/2016	DPD	JAG



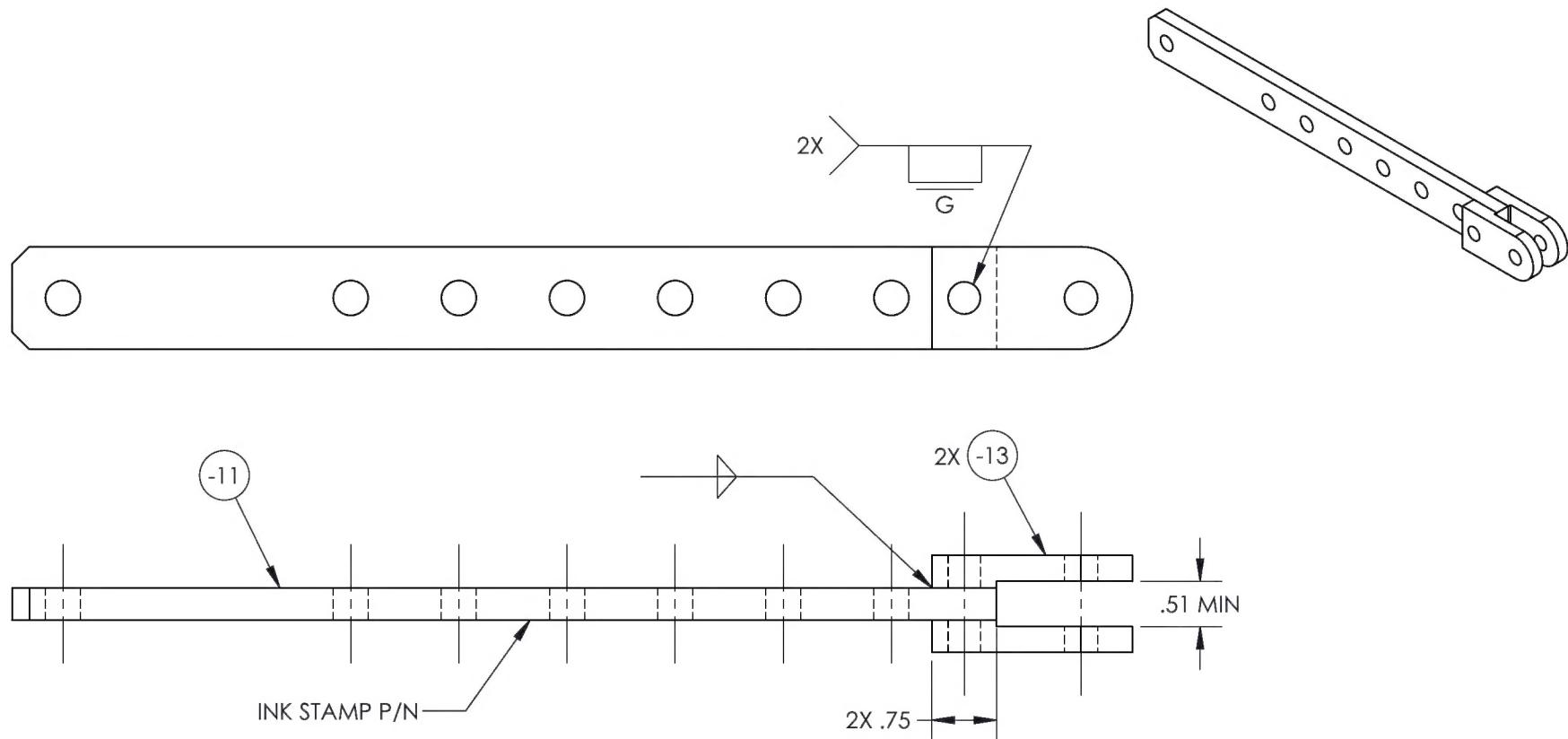
(-7)

CLEVIS

TITLE		DART	
		AEROSPACE	
MAIN TRANSMISSION LIFTING		REV 2	
DWG NO. RBW109-3400-01-127-7			
MAT'L 1018/1020 CR		UNLESS OTHERWISE SPECIFIED	
HEAT		DIMENSIONS ARE IN INCHES	
TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH		.XX ± .01 ANGLES ± 5°	
SPEC FED #13538		X ± .1 SURFACES = 125 ✓	
DRAWN BY: GILBERT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		A119	
SCALE 1:4		DATE 3/31/2011	
		SHEET 5 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-9 DELETED FIXTURE NOTE. CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-123" IS INK STAMP P/N.	2/4/2016	DPD	JAG



(-9)

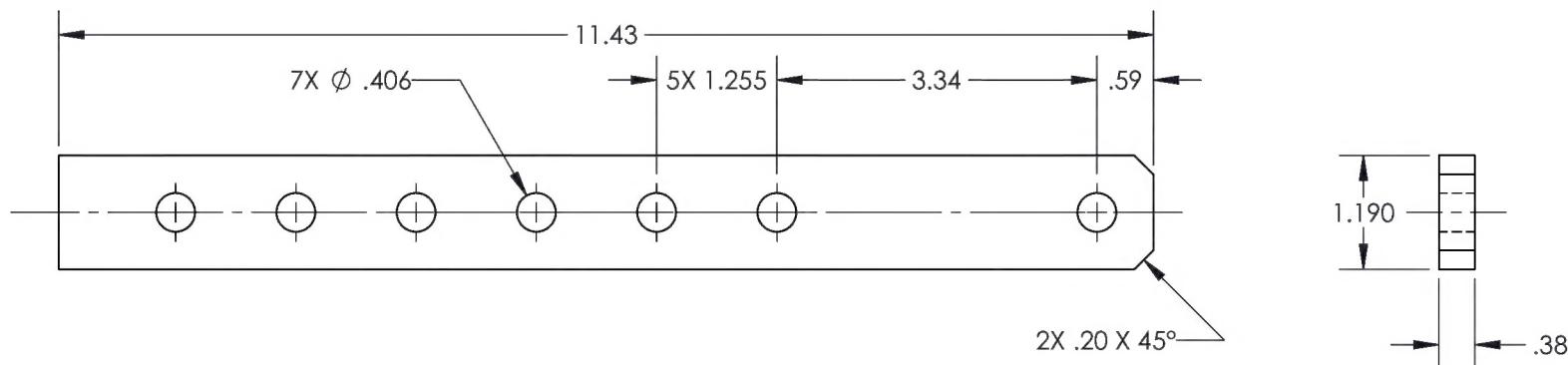
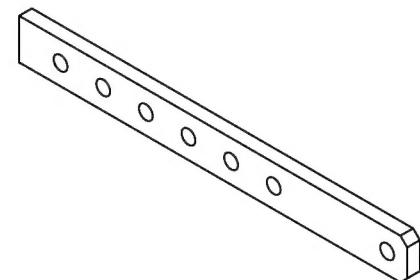
ROD WELDMENT

DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-9	
REV 2	
MAT'L	
HEAT	
TREAT	
FINISH POWDER COAT YELLOW	
SPEC FED #13538	
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
A119	
SCALE	1:2
DATE	3/30/2011
SHEET 6 OF 13	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .010 FRACTIONS ± 1/8
.XX ± .03 ANGLES ± 1°
X ± .1 SURFACES = 125 ✓
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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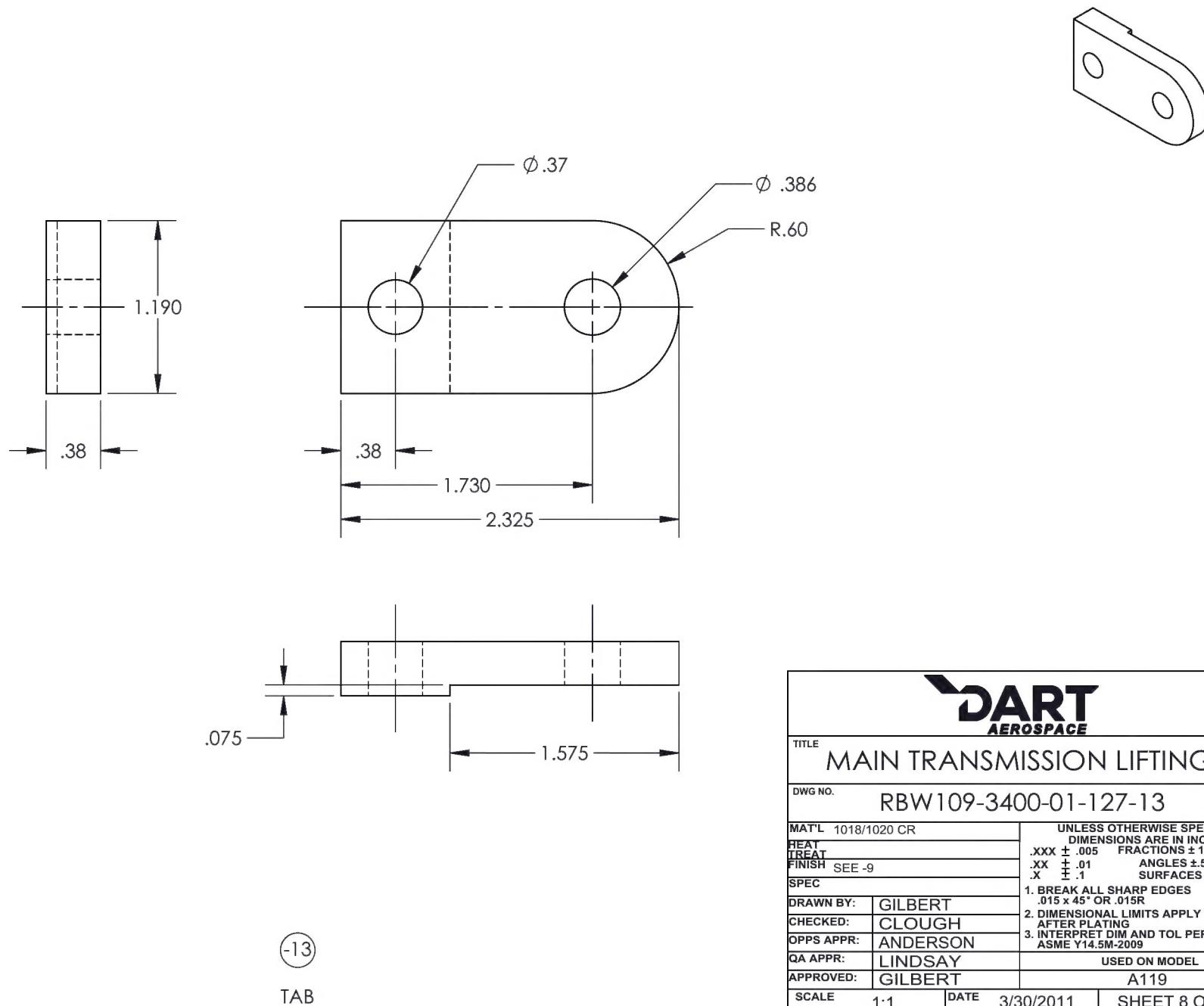
DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-11	
REV 2	
MAT'L 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.000 ± .005 FRACTIONS ± 1/8	
.000 ± .01 ANGLES ± 5°	
.015 x 45° OR .015R SURFACES = 125	
1. BREAK ALL SHARP EDGES	
2. DIMENSIONAL LIMITS APPLY	
3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009	
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
A119	
SCALE	1:2
DATE	3/30/2011
SHEET 7 OF 13	

(-11)

BAR

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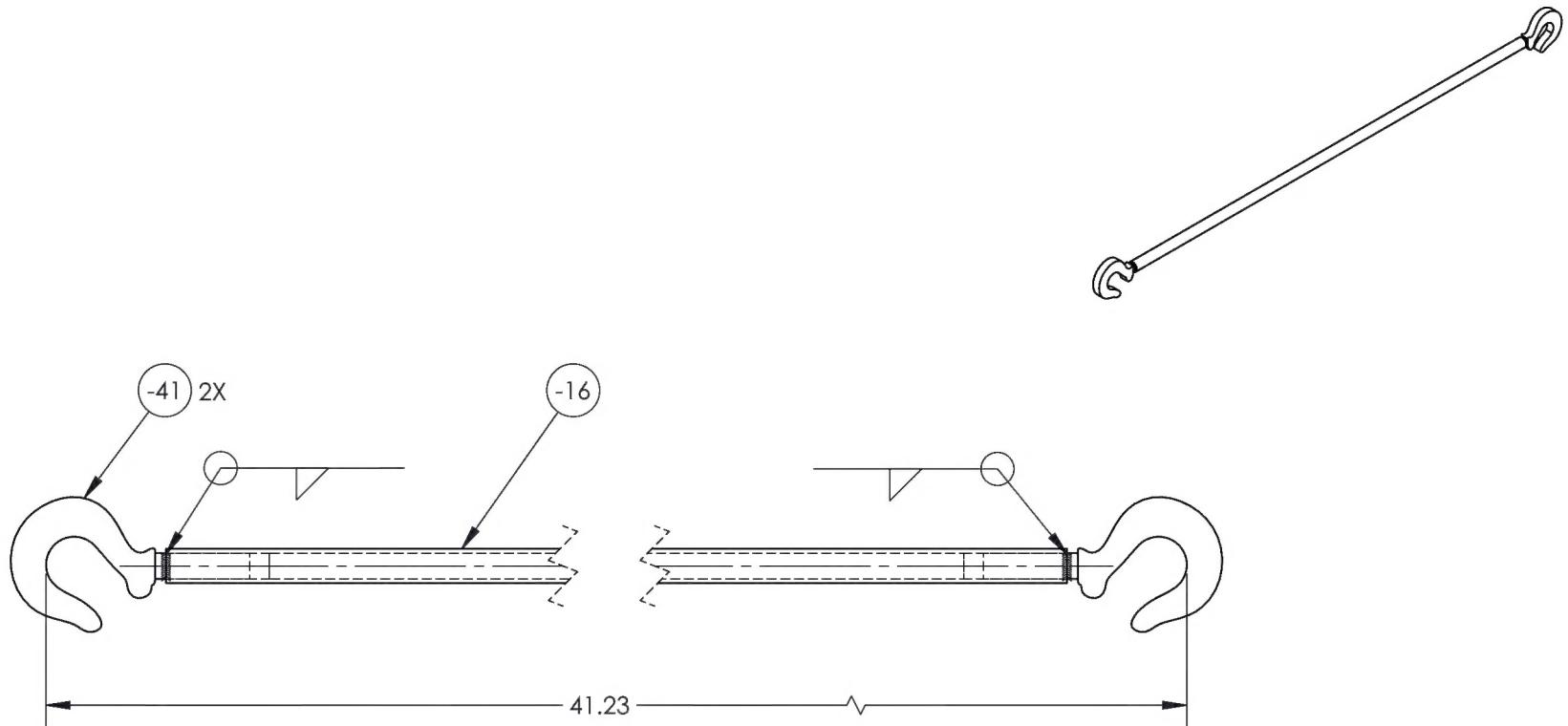
REV		ECR		DESCRIPTION			DATE	INITIAL	APPROVED
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DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-13	
REV 2	
MAT'L 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
A119	
SCALE	1:1
DATE	3/30/2011
SHEET 8 OF 13	

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REV		ECR		DESCRIPTION			DATE	INITIAL	APPROVED	
2	16-018	-15 REDESIGNED TO 3 PIECE WELDMENT.						2/4/2016	DPD	JAG



NOTE:
BOTH -41 HOOKS MUST BE FACING THE SAME DIRECTION.

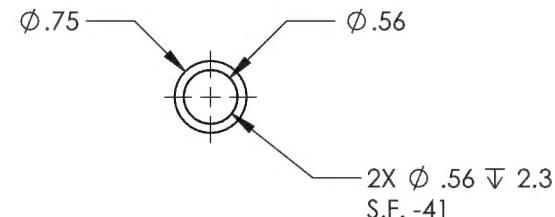
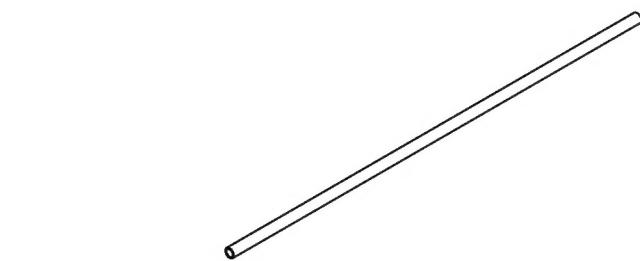
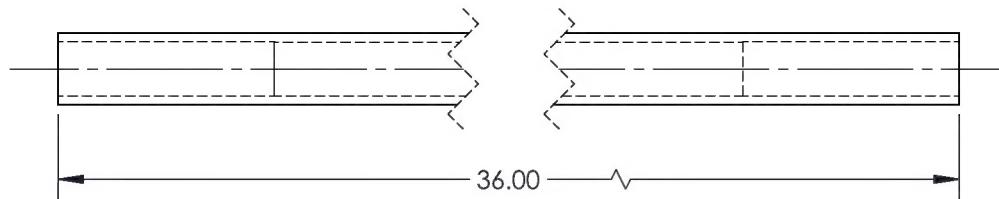
DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-15	
REV 2	
MAT'L UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT FRACTIONS $\pm 1/8$ FINISH POWDER COAT YELLOW ANGLES $\pm 1^\circ$ SPEC FED #13538 SURFACES = 125 DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ OR $.015R$ 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
A119	
SCALE	1:4
DATE	10/8/2015
SHEET 9 OF 13	

(-15)

TIE ROD WELDMENT

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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
2			16-0018			-16 ADDED PART.			2/4/2016			DPD			JAG		



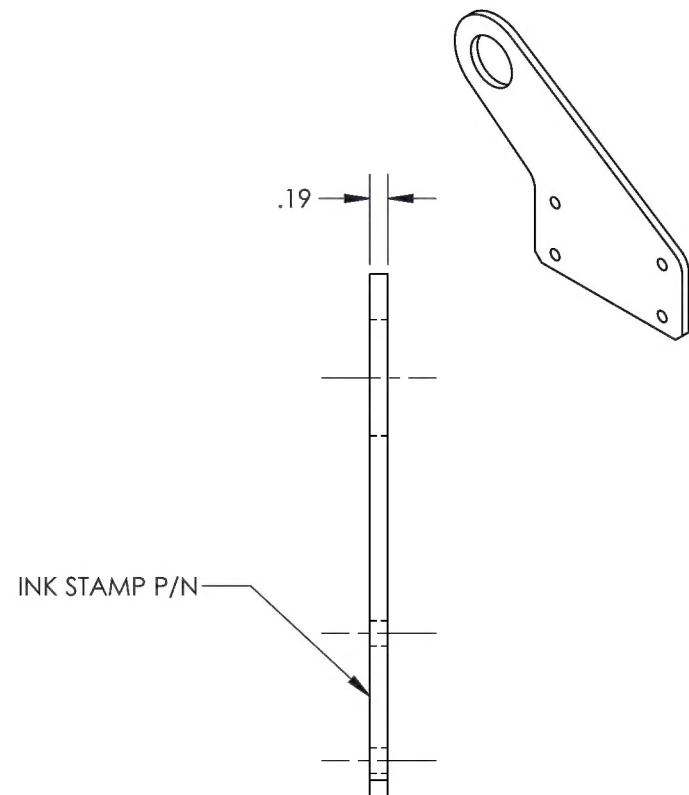
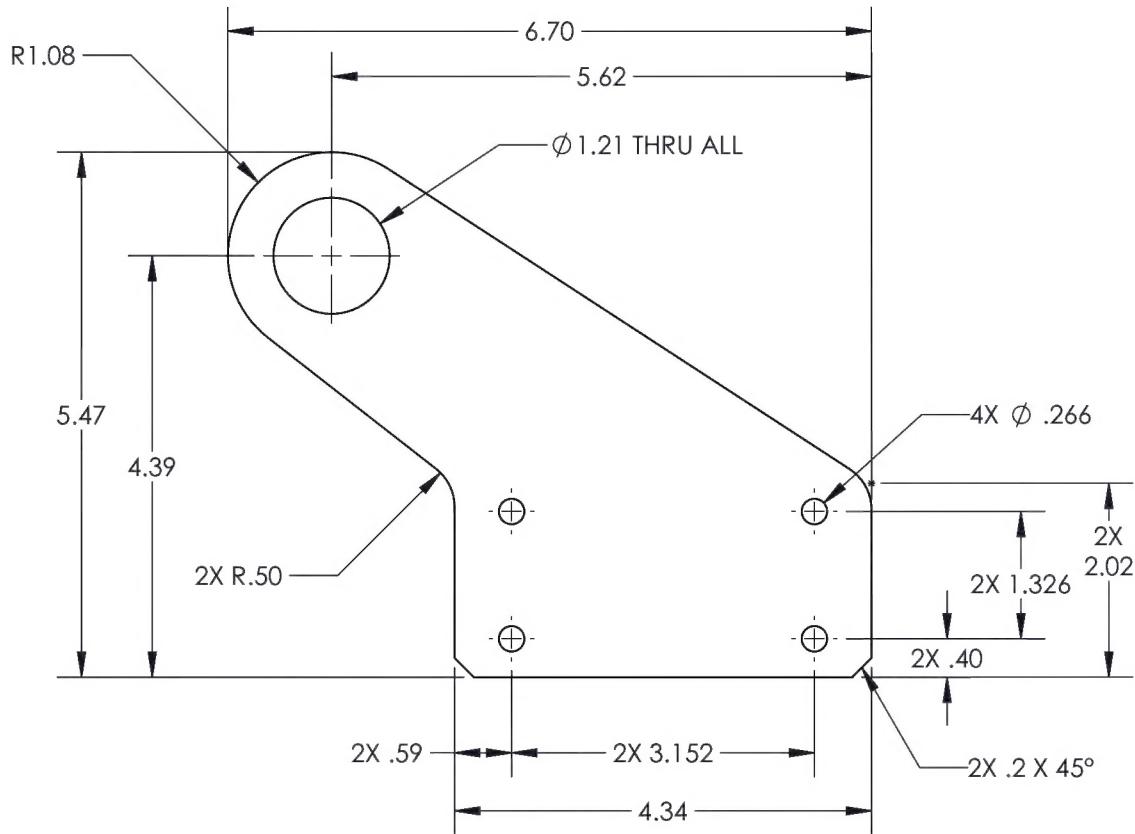
TIE ROD TUBE

-16

DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-15-16	
REV 2	
MATERIAL 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT	
.000 ± .010 FRACTIONS ± 1/8	
FINISH SEE -15	
.000 ± .03 ANGLES ± 1°	
SPEC	
.015 x 45° OR .015R SURFACES = 125	
DRAWN BY:	MACKOVJAK
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
A119	
SCALE	1:2
DATE	10/8/2015
SHEET 10 OF 13	

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			REVISIONS		
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-17 CH'D NOTE WAS ENGRAVE P/N "109-3400-01-129" IS INK STAMP P/N. CH'D DIM WAS 2.02 IS 2X 2.02.	2/4/2016	DPD	JAG



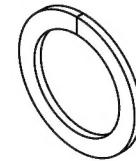
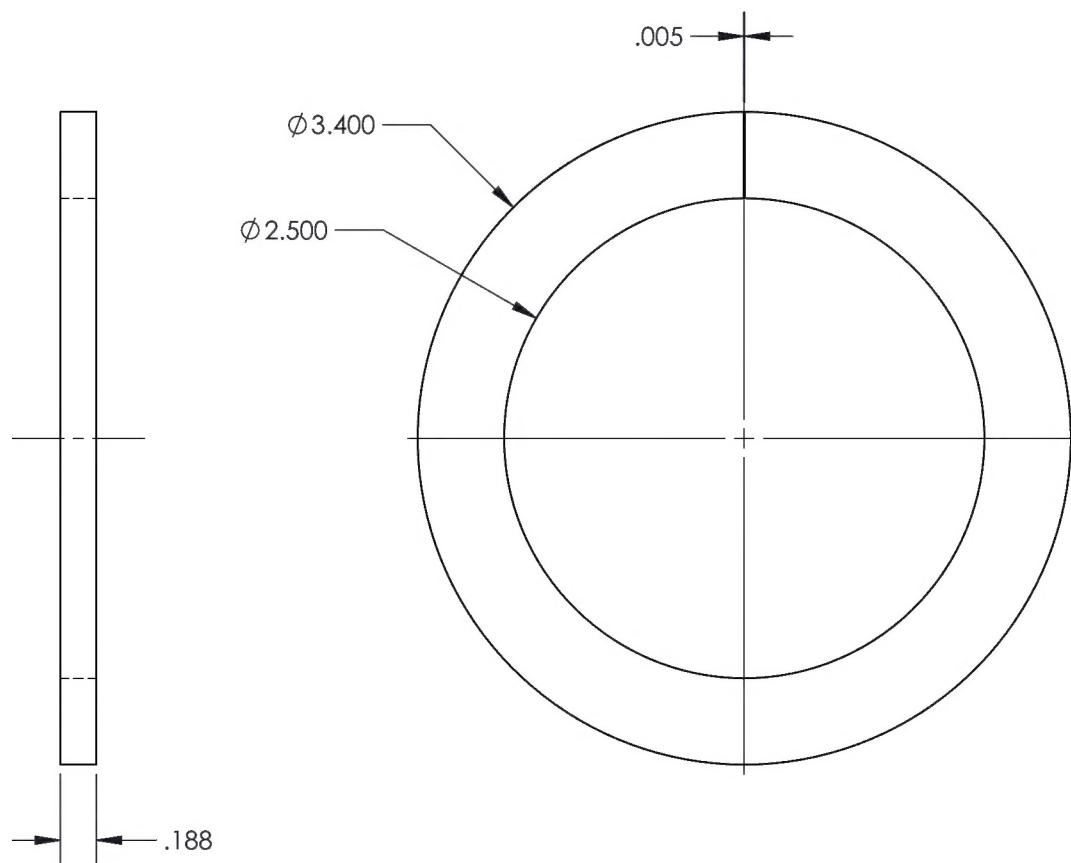
DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-17	
REV 2	
MAT'L 1018/1020 CR UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT FRACTIONS \pm 1/8 FINISH POWDER COAT YELLOW .XXX \pm .005 ANGLES \pm 5° SPEC FED #13538 .XX \pm .01 SURFACES = 125 DRAWN BY: GILBERT 1. BREAK ALL SHARP EDGES CHECKED: CLOUGH .015 x 45° OR .015R OPPS APPR: ANDERSON 2. DIMENSIONAL LIMITS APPLY QA APPR: LINDSAY 3. INTERPRET DIM AND TOL PER APPROVED: GILBERT ASME Y14.5M-2009 USED ON MODEL A119	
SCALE	1:2
DATE	4/7/2011
SHEET 11 OF 13	

(-17)

PLATE, STRUCTURAL

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REV	ECR	REVISIONS		
		DESCRIPTION	DATE	INITIAL
				APPROVED



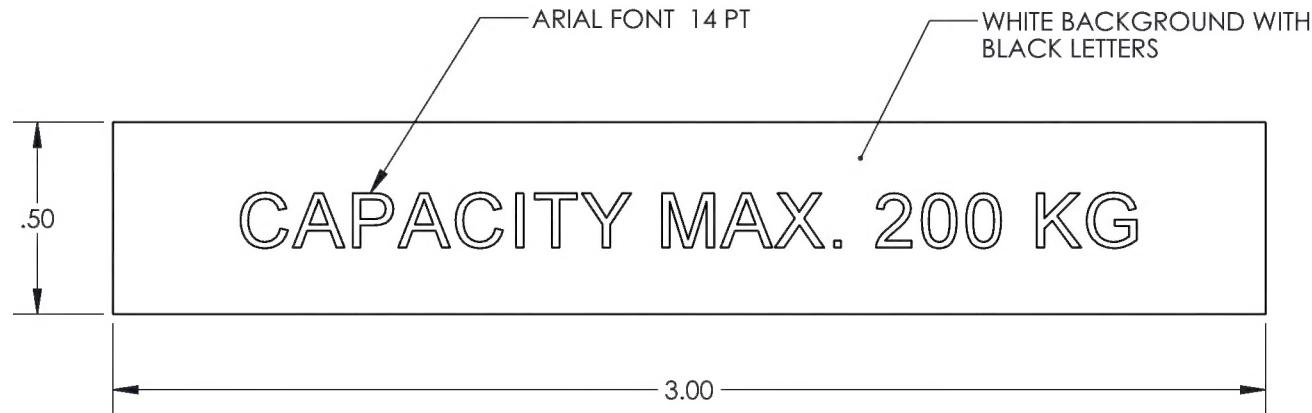
-19

RING

DART AEROSPACE		TITLE	MAIN TRANSMISSION LIFTING	
			DWG NO.	REV
MAT'L	NYLON	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
HEAT		.XXX	± .010	FRACTIONS ± 1/8
TREAT		.XX	± .03	ANGLES ± 1°
FINISH		X	± .1	SURFACES = 125
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		
DRAWN BY:	GILBERT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
CHECKED:	CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
OPPS APPR:	ANDERSON	USED ON MODEL		
QA APPR:	LINDSAY	APPROVED: GILBERT		
		A119		
SCALE	1:1	DATE	9/1/2011	SHEET 12 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-21 ADDED WHITE BACKGROUND WITH BLACK LETTERS NOTE.	2/4/2016	DPD	JAG



(-21)

LABEL

	
TITLE	
DWG NO.	RBW109-3400-01-127-21
REV 2	
MAT'L	VINYL
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	A119
SCALE	2:1
DATE	9/1/2011
SHEET 13 OF 13	